

CLAIMS

1. Removable information storage medium comprising at least one computer application launched for the display and processing of information recorded on said storage medium and information recorded on a server accessible via a telecommunication network, said storage medium being such that it can be operated by host equipment comprising a suitable reader, characterized in that said storage medium furthermore comprises at least one specific operating system independent of the operating system of the host equipment, this specific operating system replacing on a temporary basis the operating system of the host equipment and comprising the integrality of the computer resources for the operating of said launched application, as well as the integrality of the drivers for controlling the peripheral network access devices, as well as the peripheral input/output devices for the user interface [keyboard, mouse, screen, printer, etc.], the specific operating system not operating the drivers of the host equipment, nor modifying any system, any program nor any driver of the host equipment, as well as an automatic recognition and activation system upon startup of the peripheral devices launched on the host equipment and required for its operation, the storage medium comprising moreover a means for implementing upon detection by the host equipment of the presence of said storage medium in the reader, at least the startup and the loading of the specific operating system and the drivers launched, the specific operating system starting up from a removable storage medium being autonomous and immutable.

2. Removable information storage medium according to claim 1, characterized in that the storage medium presents a rewritable zone for the personalization of the information and a non-rewritable zone for recording specific computer resources.

3. Removable information storage medium according to claim 1 or 2, characterized in that the storage medium is an optical disk of the CD type.

4. Removable information storage medium according to claim 1, characterized in that the storage medium is a non-volatile memory.

5. Removable information storage medium according to claim 1, characterized in that the storage medium is a magnetoresistive memory.

6. Removable information storage medium according to claim 1 or 2, characterized in that the storage medium is a semiconductor memory.

7. Removable information storage medium according to at least one of the preceding claims, characterized in that the real time operating system comprises a program for the management of the allocation of the processor time of the host equipment as well as the allocation and regeneration of tasks.

8. Removable information storage medium according to at least one of claims 1 to 6, characterized in that the size of the core of the operating system is smaller than 50 kilo-octets.

9. Removable information storage medium according to at least one of claims 1 to 6, characterized in that it deactivates the operation of and access to the peripheral storage devices of the host equipment as well as the opening of the communication gateways with the exception of the communication gateway(s) controlled by the launched resources, these latter being reinitialized by the loading of the specific operating system.

10. Removable information storage medium according to at least one of claims 1 to 6, characterized in that the computer resources comprise an Internet navigator not recording data stemming from the network exclusively in the RAM memory of the host equipment or in the rewritable zone of the storage medium, to the exclusion of the other memories of the host equipment.

11. Removable information storage medium according to at least one of the preceding claims, characterized in that it comprises a filter controlling the data recorded in the rewritable zone.

12. Removable information storage according to at least one of the preceding claims, characterized in that it includes personalization information in a non-rewritable zone for the generation of a private key by an algorithm recorded in the non-rewritable zone and taking into account said personalization zone and an information element [paraphrase] captured by the user of the host equipment.

13. Removable information storage according to at least one of the preceding claims, characterized in that it includes personalization information in a non-rewritable zone for the generation of a private key by an algorithm recorded in the server and taking into account said personalization zone and an information element [paraphrase] captured by the user of the host equipment.

14. Removable information storage medium according to at least one of the preceding claims, characterized in that it comprises means for recording data in the CMOS memory of the host equipment.

15. Removable information storage medium according to claim 1, characterized in that it comprises means for implementing a partition of the hard disk of the host equipment and for controlling the reading and recording of data in said partition of the hard disk solely to the exclusion of the other partitions of the hard disk.

16. Removable information storage medium according to claim 1, characterized in that it comprises means for controlling the reading and recording of data in a memory of the host equipment controlled by a specific driver.

17. Removable information storage medium according to claim 1, characterized in that it incorporates means that can limit or augment access to the information and services that it contains in time and/or in number of accesses.

18. Removable information storage medium according to claim 1, characterized in that it incorporates multiple specific operating systems addressing multiple distinct computer processor and physical platforms, allowing it to start up on each of said distinct processor and physical platforms.